DEC 2 7 2002 FORM PTO-1449 U.S. DEPARTMENT OF ATTY. DOCKET NO. RECEIVED SERIAL NO. COMMERCE PATENT AND PC9985A 09/977,621 TRADEMARK OFFICE SUPPLEMENTAL APPLICANT INFORMATION DISCLOSURE KAZUNNARI NAKAO, ETAL. STATEMENT BY APPLICANT (Use several sheets if necessary) FILING DATE GROUP October 15, 2001 1626 U.S. PATENT DOCUMENTS **EXAMINER** DOCUMENT NUMBER | DATE NAME CLASS SUBCLASS INITIAL FILING DATE IF APPROPRIATE FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO 0 5 3 1 02.01.91 Europe X 0 0 6 4 8 8 02.11.00 8 X 2 5 0 0 3 1 27.06.02 WO 2 5 0 0 X 0 3 2 27.06.02 wo 0 2 5 0 0 3 Х 3 27.06.02 wo х OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc)

OB EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to

DATE CONSIDERED

ANY COPIES OF DOCUMENTS LISTED ON THIS FORM PTO-1449 SHOULD HAVE CERTAIN INFORMATION PLACED ALONG THE LEFT SIDE OF THE DOCUMENT. INFORMATION SUCH AS DOCKET NUMBER, FILING DATE, SERIAL NUMBER, ART UNIT, ETC.

EXAMINER

FILING DATE October 15, 2001 GROUP 02    STANSING   STA	
FILING DATE October 15, 2001 GROUP 62  U.S. PATENT DOCUMENTS  EXAMINE DATE NAME CLASS SUBCLASS  RIVITAL DOCUMENT NUMBER DATE NAME CLASS SUBCLASS  FOREIGN PATENT DOCUMENTS  DOCUMENT NUMBER  DATE COUNTRY CLASS SUBCLASS  (a) WO 0 0 2 1 5 4 2 20-Apr-00 PCT  (b) S-R 2 3 3 3 0 3 0 7 21-Apr-99 Great Britain  (c) WO 0 0 0 2 1 5 3 2 20-Apr-00 PCT	SS FILING DA
CLASS   SUBCLAS   SUBCLA	SS FILING DA
DOCUMENT NUMBER   DATE   NAME   CLASS   SUBCLASS   SU	l ic
FOREIGN PATENT DOCUMENTS  DOCUMENT NUMBER  DATE  COUNTRY  CLASS  SUBCLASS  O (a) WO 0 0 2 1 5 4 2 20-Apr-00 PCT  (b) CLB 2 3 3 0 3 0 7 21-Apr-99 Great Britain  (c) WO 0 0 0 2 1 5 3 2 20-Apr-00 PCT	l ic
FOREIGN PATENT DOCUMENTS  DOCUMENT NUMBER  DATE  COUNTRY  CLASS SUBCLASS  O (a) WO 0 0 2 1 5 4 2 20-Apr-00 PCT  (b) CAB 2 3 3 0 3 0 7 21-Apr-99 Great Britain  (c) WO 0 0 2 1 5 3 2 20-Apr-00 PCT	
FOREIGN PATENT DOCUMENTS    DATE   COUNTRY   CLASS   SUBCLASS	
FOREIGN PATENT DOCUMENTS  DATE COUNTRY CLASS SUBCLASS  (a) WO 0 0 2 1 5 4 2 20-Apr-00 PCT  (b) CRS 2 3 3 0 7 21-Apr-99 Great Britain  (c) WO 0 0 2 1 5 3 2 20-Apr-00 PCT	
FOREIGN PATENT DOCUMENTS  DOCUMENT NUMBER  DATE  COUNTRY  CLASS  SUBCLASS  (a) WO 0 0 2 1 5 4 2 20-Apr-00 PCT  (b) CAS 2 3 3 0 3 0 7 21-Apr-99 Great Britain  (c) WO 0 0 2 1 5 3 2 20-Apr-00 PCT	
FOREIGN PATENT DOCUMENTS  DOCUMENT NUMBER  DATE  COUNTRY  CLASS  SUBCLASS  (a) WO 0 0 2 1 5 4 2 20-Apr-00 PCT  (b) CAS 2 3 3 0 3 0 7 21-Apr-99 Great Britain  (c) WO 0 0 2 1 5 3 2 20-Apr-00 PCT	
Country   Class   Subclass   Country   Class	Φ —
Country   Class   Subclass   Country   Class	
Country   Class   Subclass   Country   Class	
(a) WO 0 0 2 1 5 4 2 20-Apr-00 PCT (b) WO 0 0 2 1 5 3 2 20-Apr-00 PCT (c) WO 0 0 2 1 5 3 2 20-Apr-00 PCT	
(a) WO 0 0 2 1 5 4 2 20-Apr-00 PCT (b) WO 0 0 2 1 5 3 2 20-Apr-00 PCT (c) WO 0 0 2 1 5 3 2 20-Apr-00 PCT	<del> </del>
DOCUMENT NUMBER  DATE  COUNTRY  CLASS SUBCLASS  (a) WO 0 0 2 1 5 4 2 20-Apr-00 PCT  (b) CB 2 3 3 0 3 0 7 21-Apr-99 Great Britain  (c) WO 0 0 2 1 5 3 2 20-Apr-00 PCT	I
(a) WO 0 0 2 1 5 4 2 20-Apr-00 PCT (b) WO 0 0 2 1 5 3 2 20-Apr-00 PCT (c) WO 0 0 2 1 5 3 2 20-Apr-00 PCT	<del> </del>
(a) WO 0 0 2 1 5 4 2 20-Apr-00 PCT (b) CB 2 3 3 0 3 0 7 21-Apr-99 Great Britain (c) WO 0 0 2 1 5 3 2 20-Apr-00 PCT	
(a) WO 0 0 2 1 5 4 2 20-Apr-00 PCT (b) CB 2 3 3 0 3 0 7 21-Apr-99 Great Britain (c) WO 0 0 2 1 5 3 2 20-Apr-00 PCT	
(b) CB 2 3 3 0 3 0 7 21-Apr-99 Great Britain (c) WO 0 0 2 1 5 3 2 20-Apr-00 PCT	TRANSLATION
(c) WO 0 0 2 1 5 3 2 20-Apr-00 PCT	YES NO
(d) 14(2) 1 5 3 2 20-Apr-00 PCT	
(d) \WO \ 0 \ \ 0 \ \ \ \ \ \ \ \ \ \ \ \ \ \	
(d) WO 9 9 4 7 4 9 7 23-Sep-99 PCT	
OTHER POOLING	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
International Search Report, 6/6/02, PC23006A/DAM	
CAMINER Law. J. Stocker DATE CONSIDERED 2/14/03	
AMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this	
orms with FORM PTO-FB-A820	form

INFORMATION DISCLOSURE

INFORMATION DISCUSSION TATION (Use several sheets if necessary)  ATTY. DOCKET NO. PC9986A SERIAL NO. 09/977/621  ATTY. Hashizume, et al. FILING DATE October 15, 2001 GROUP (62/6)  U.S. PATENT DOCUMENTS  DOCUMENT NUMBER OATE NAME CLASS SUBCLASS PARCENT PROCESSION OF THE NAME CLASS SUBCLASS PARCENT PARCENT PROCESSION OF THE NAME CLASS SUBCLASS PARCENT PARCENT PROCESSION OF THE NAME CLASS PARCENT	INF	ORM	ATION	DISCO	oşur <sub>b</sub>	TAT	ION	ATTY (	OCKE	T NO. DOOG		<del> </del>	T	<del></del>	
FILING DATE October 15, 2001 GROUP 626  U.S. PATENT DOCUMENTS  DATE NAME CLASS SUBCLASS PROTOGRAPH		(Use	severa	al sheet	s if nece	essary)						SERIAL	. NO. (	9/977	,621
DATE NAME CLASS SUBCLASS PARAMONAL  OCCUMENT NAMES DATE NAME CLASS SUBCLASS PARAMONAL  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  DOCUMENT NAMES DATE COUNTRY CLASS SUBCLASS PARAMONAL  TOTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  DATE CONSIDERED 2 144 D3  ACE: Note in enteress considered, whether or not obtains is no contamence with MPEP edg; Draw line prough obtain if not in conformance and not considered. Include copy of this form	 									Octobor 15	ne, et al.		1/ 6		
POCLIMENT NUMBER  DATE  POREIGN PATENT DOCUMENTS  DOCUMENT NUMBER  DATE  COUNTRY  CLASS  SUBCLASS  FROM AND  TO BE NOTE  DATE  COUNTRY  CLASS  SUBCLASS  FROM AND  TO BE NOTE  TO DOCUMENT NUMBER  DATE  COUNTRY  CLASS  SUBCLASS  FROM AND  TO BE NOTE  TO TO 251770  TES NOTE  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  AND  SER: Incid Tradespace considered: whether or not classon is in conformance with MPEP 600, Daw line brought classon if not in conformance and not considered. House capy of his form  Communication to applicant.							U	.S. PATE	NT DO	CUMENTS	2001	GROUP	162	6	
FOREIGN PATENT DOCUMENTS  DOCUMENT NUMBER  DATE  COUNTRY  CLASS  SUBCLASS  DATE  COUNTRY  CLASS  SUBCLASS  DATE  NO  VES  NO  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  All Pages  APPENDICATION  APPENDICATION  APPENDICATION  TELEPHONE  DATE  COUNTRY  CLASS  SUBCLASS  DATE, Andrew  TELEPHONE  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  ANNER  APPENDICATION  APPENDICATION  APPENDICATION  TELEPHONE  DATE CONSIDERED  2 14/ D3  APPENDICATION  APPENDICATION  APPENDICATION  APPENDICATION  APPENDICATION  APPENDICATION  TELEPHONE  APPENDICATION  APPENDICATION  TELEPHONE  TELEPHONE  APPENDICATION  TELEPHONE  TELEPHONE  APPENDICATION  TELEPHONE  TELEPHONE						DOCUMEN	T NUMBER	?			NAME	1 614	00   00-		
FOREIGN PATENT DOCUMENTS  DOCUMENT NUMBER  DATE  COUNTRY  CLASS  SUBCLASS  TROBUSTON  VES  NO  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  ANNER  ACE: Inside of reference considered, whether or not clustion is in cerformasce with MPEP 60b, Draw line through clustion if not in conformance and not considered. Include copy of this form  Communication to applicant.							T						SS SUBCLA	SS FILI	NG DATE IF ROPRIATI
DATE COUNTRY CLASS SUBCLASS TRANSLATION  VES NO  O				_											
DATE COUNTRY CLASS SUBCLASS TRANSLATION  VES NO  O		+	+												
DATE COUNTRY CLASS SUBCLASS TRANSLATION  VES NO  O															
DATE COUNTRY CLASS SUBCLASS TRANSLATION  VES NO  O															
DATE COUNTRY CLASS SUBCLASS TRANSLATION  VES NO  O					7	1			<del></del>	<del></del>					
DATE COUNTRY CLASS SUBCLASS TRANSLATION  VES NO  O				<b>—</b>	<del></del>	+	┪		+						
DATE COUNTRY CLASS SUBCLASS TRANSLATION  VES NO  O		+-	<del> </del>												
DATE COUNTRY CLASS SUBCLASS TRANSLATION  VES NO  O		+			<del> </del>								<del>-</del>	<del> </del>	
DATE COUNTRY CLASS SUBCLASS TRANSLATION  VES NO  O			ļ										<del></del>	+	
DATE COUNTRY CLASS SUBCLASS TRANSLATION  VES NO  O									<del> </del>					<del>-</del>	
DATE COUNTRY CLASS SUBCLASS TRANSLATION  VES NO  O					†	<del> </del>	+		+	+					
DATE COUNTRY CLASS SUBCLASS TRANSLATION  VES NO  O		<del></del> _	<u> </u>	1		<u> </u>	<u> </u>		<u> </u>						
WO 0 0 6 4 8 8 0 02-Nov-00 PCT CO7D 251/70  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  DATE COUNTRY CLASS SUBCLASS TRANSLATION  VES NO  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  DATE CONSIDERED 2 14 D3  MINER Law 1 DATE CONSIDERED 2 14 D3  MER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form							FORE	GN PAT	ENT DO	CUMENTS			<del>*</del>		7
WO 0 0 6 4 8 8 0 02-Nov-00 PCT CO7D 251/70 VES NO  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  DATE CONSIDERED 2/14/D3  ALER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form				DC	OCUMENT N	UMBER		•		DATE	COUNTRY	CLASS	01100111		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  DATE CONSIDERED  2 14 8 8 0 02-Nov-00 PCT CO7D 251/70  DATE CO7D 2	Ø)			T	Τ	<del></del>	<del></del>			_		CEASS	SUBCLASS	TRANSLA	TION
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  MINER  DATE CONSIDERED  JHLD3  MER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form	<u>s</u>	wo	0	0	6	4	8	8	0	02-Nov-00	DOT	1		YES	NO
MINER CONSIDERED 2/14/D3  NER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form										02 1107-00	PCI	CO7D	251/70		_
MINER CONSIDERED 2/14/D3  NER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form								<u> </u>	<del> </del>	<del> </del>					
MINER CONSIDERED 2/14/D3  NER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form						<del> </del> -	<del> </del> -	<del> </del>		<del> </del>					
MINER CONSIDERED 2/14/D3  NER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form						ļ									
MINER CONSIDERED 2/14/D3  NER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form			<del></del> -												$\dashv$
MINER CONSIDERED 2/14/D3  NER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form	<del></del>	7	7	OTHER	POCU	MENT	S (Inclu	uding Aut	hor, Title	e, Date, Pen	tinent Pages I	<u> </u>			4
DATE CONSIDERED 2/14/D3  NER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form												<del></del>	<del></del>		4
DATE CONSIDERED 2/14/D3  NER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form															
DATE CONSIDERED 2/14/D3  NER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form		1													
DATE CONSIDERED 2/14/D3  NER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form			1			<del></del>	<del></del>								1
NER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form	<u> </u>	7	)					λ							4
	MINER	7	)	_	6			4_	DATE CO	)NSIDERED	1 1				
	MINER (	7	) au		2	St	Sol	to_	DATE CC	NSIDERED	2/14/t	)3			
		ク	· 		er or not citati	ion is in sec	JSON	~~~	٦		2/14/1	)3			
WILL FORM PTU-FR-4820		ク	· 		er or not citati	ion is in con	formance v	~~~	٦		2/)4/t	)3 considered. Inc	lude copy of thi	s form	